



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 4, 2017

Robert I. Rose  
Agent, Summit Chemical Company  
235 S. Kresson St.  
Baltimore, MD 21224

Subject: Amended Reregistration Label  
Product Name: Summit Pyrethrins Fogging Concentrate 3610  
EPA Registration Number: 6218-56  
Decision Number: 410533, 411690, 414091

Dear Mr. Rose:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the N-octyl bicycloheptene dicarboximide, Pyrethrins and Piperonyl butoxide RED, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

NOTE: This product is **not** yet being reregistered under section 4(g) of FIFRA.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 02/16/2010

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment or the next printing of the label, whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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If you have any questions about this letter, please contact Helen Hull-Sanders by phone at 703-347-0243, or via email at [hull-sanders.helen@epa.gov](mailto:hull-sanders.helen@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Gene Benbow".

Gene Benbow, Acting Product Manager 4  
Invertebrate & Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

**SUMMIT®**  
**PYRETHRINS FOGGING CONCENTRATE 3610**  
 FOR COMMERCIAL/INDUSTRIAL/INSTITUTIONAL USES

**ACTIVE INGREDIENTS:**

Pyrethrins:.....3.00%  
 Piperonyl Butoxide\*:.....6.00%  
 N-octyl bicycloheptene dicarboximide:.....10.00%

**OTHER INGREDIENTS\*\*:**.....81.00%

**TOTAL:**.....100.00%

\*Consists of 4.80% (Butylcarbityl) (6-Propylpiperonyl) Ether and 1.20% related compounds. \*\*Contains Petroleum Distillates.

**CAUTION**  
**KEEP OUT OF REACH OF CHILDREN**

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>● Immediately call a poison control center or doctor.</li> <li>● Do not induce vomiting unless told to do a poison control center or doctor.</li> <li>● Do not give <b>any</b> liquid to the person.</li> <li>● Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>● Take off contaminated clothing.</li> <li>● Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>● Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>● Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>● Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>● Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>● Move person to fresh air.</li> <li>● If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.</li> <li>● Call a poison control center or doctor for treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN:</b> Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center, or doctor, or going for treatment. For additional information on this product (including health concerns, medical emergencies, or pesticide incidents), you may the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: <a href="http://www.npic.orst.edu">www.npic.orst.edu</a> ).	
<b>See side panel for additional precautionary statements.</b>	

EPA Reg. No. 6218-56  
 Contents: X gallon, quarts, pints

EPA Est. No. 6218-MD-2  
 Lot No. \_\_\_\_\_

# Summit®

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**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**Personal Protective Equipment (PPE)**

Mixers, loaders, applicators, and other handlers (except for applicators using hand-held foggers and fog/mist generators) must wear: long-sleeve shirt and long pants, shoes plus socks, chemical-resistant gloves for all handlers except for applicators using motorized ground equipment. A chemical-resistant apron is required for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate. In addition to the above PPE, applicators using hand held foggers or fog/mist generators in indoor spaces must wear: coveralls over long-sleeved shirt and long pants, chemical resistant footwear plus socks, chemical-resistant headgear, if overhead exposure, and: a half-face, full-face, or hood-style NIOSH-approved respirator with: a NIOSH-approved respirator with an organic vapor (OV) cartridge with a combination R or P filter, with NIOSH approval number prefix TC-84A; or NIOSH approved gas mask with an organic vapor canister with NIOSH approval number prefix TC-14G; or a NIOSH approved powered air purifying respirator with organic vapor (OV) cartridge and combination HE filter, with NIOSH approval number prefix TC – 23C.

**User Safety Recommendations**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### **ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging in the treatment area.

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### **USE RESTRICTIONS**

Do not apply this product in a way that will contact adults, children, workers or other persons, or pets, either directly or through drift. Only protected handlers may be in the area during application. Remove pets, birds, and cover fish aquariums before use. Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and treated area has been thoroughly ventilated. Do not wet articles to point of runoff or drip. Do not use treated articles until spray has dried. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use. Do not enter or allow others to enter until sprays have dried. Do not use treated article until spray has dried. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. When used in dairy barns or facilities, close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking. Do not use in aircraft. Do not apply more than 1 time per day.

**NOTE:** When used in hospitals, patients should be removed prior to treatment. Ventilate for two hours after treatment. Do not return patients to room until after ventilation.

**INDOOR USE AS A SPRAY DILUTED:** Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Dilute 1 part concentrate plus 4 parts oil (refined kerosene) and mix well. Apply at a rate of 1 ounce per 1,000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area behind obstructions. Keep the area closed for at least 15 minutes. Vacate the treated

area and ventilate before reoccupying. Repeat treatment as necessary, but not more than one time per day. Sweep up and destroy fallen insects.

**FOR COCKROACHES ONLY:** Apply undiluted as a surface spray using one ounce per 1000 square feet. Apply directly to spots, cracks, or crevices where cockroaches hide at 5 ounce per 1000 square feet. Open all closets, cabinets, drawers, and other potential harborages. Direct spray toward ceiling and upper corners of the area and into, under and behind obstructions, cabinets, appliances and furnishings if the equipment and constructions of the treatment so allow. Keep area closed for at least 1 hour before ventilation. Repeat treatment as necessary, but more than one time per day. Sweep up and destroy fallen insects.

These methods of application will control ROACHES and exposed, accessible stages of FLIES (including FRUIT FLIES), MOSQUITOES, SMALL FLYING MOTHS, GNATS, WASPS, HORNETS, CLOVER MITES, CHEESE MITES, CHEESE SKIPPERS, BOXELDER BUGS, EARWIGS, ANTS and the following common stored product pests: GRANARY WEEVILS, RICE WEEVILS, CONFUSED FLOUR BEETLES, SAW-TOOTHED GRAIN BEETLES, SPIDER BEETLES, CIGARETTE BEETLES, DRUGSTORE BEETLES, ANGOUMOIS GRAIN MOTHS, MEDITERRANEAN FLOUR MOTHS, INDIAN MEAL MOTHS, TOBACCO MOTHS, YELLOW MEALWORMS, DARK MEALWORMS, GRAIN MITES, CADELLES and RED FLOUR BEETLES.

**SURFACE AND CRACK, CREVICE AND SPOT SPRAY:** Apply undiluted as a surface spray using one ounce per 1000 square feet. Apply directly to spots, cracks, or crevices where insect pests hide at 5 ounce per 1000 square feet. Use a good sprayer adjusted to deliver a coarse, wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around bases of machinery, behind shelves and drawers. Spray roaches directly whenever possible. Repeat application as necessary, but not more than once per day.

**DRIED FRUIT PRODUCTS** in storage or being processed, for control of CONFUSED FLOUR BEETLES, DRIED FRUIT BEETLES, INDIAN MEAL MOTHS, and SAW-TOOTHED GRAIN BEETLES: Remove and destroy infested products. As noted above, disperse this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Dilute 1 part concentrate plus 4 parts oil (refined kerosene) and mix well. Apply at a rate of 1 ounce per 1,000 cubic feet of space. Repeat application at this dosage, but not more than one time per day. Leave the room closed for one hour. Do not remain in treated areas and ventilate the area before re-entry. Sweep up and destroy fallen insects.

**STORED FOOD:** (Stored in multi-wall bags or cloth bags) in warehouses, storage rooms, flour mills, grain elevators, granaries for control of ANGOUMOIS GRAIN MOTHS, CADELLES, CONFUSED FLOUR BEETLES, INDIAN MEAL MOTHS, MEDITERRANEAN FLOUR MOTHS, RICE WEEVILS, SAW-TOOTHED GRAIN BEETLES, YELLOW MEALWORMS, CHEESE MITES, CHEESE SKIPPERS,

CIGARETTE BEETLES, GRAIN MITES, GRANARY WEEVILS, DARK MEALWORMS, RED FLOUR BEETLES: Remove and destroy infested products. As noted above, disperse this product first by directing spray into corners, under pallets, and around stacks of packaged foods hitting as many insects as possible and then treat as a space spray. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Dilute 1 part concentrate plus 4 parts oil (refined kerosene) and mix well. Apply at a rate of 1 ounce per 1,000 cubic feet of space. Do not remain in treated areas and ventilate area before re-entry. This application will kill accessible, exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects.

**INDOOR USE AS A SPACE SPRAY, DILUTED:** For use in conventional mechanical fogging equipment to kill FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS, AND GNATS: Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating system equipment. Dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at the rate of 1 to 2 fluid ounces per 1,000 cubic feet filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

**SURFACE SPRAY:** To insure maximum control of crawling insects (ANTS, BOXELDER BUGS, CLOVER MITES, DRUGSTORE BEETLES, EARWIGS, LICE, SPIDER BEETLES), dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well and apply as a coarse wetting spray using approximately 1 gallon of spray mixture to 1000 square feet of surface. Spray walls, floor and other surfaces of bins and storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Treat unloading, handling and processing areas and inside conveying processing and handling equipment. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible. For in transit protection, clean and spray truck beds, boxcars, and ship's hold before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as stacked.

To control INDIAN MEAL MOTHS, and ANGOUMOIS GRAIN MOTHS in stored grain, apply to the surface of binned grain at a rate of 1 gallon per 1,000 square feet. Apply at monthly intervals with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing with rake before spraying and make a second application in two weeks.

As an aid in control of MOSQUITOES, GNATS, WASPS, and SKIPPERS: treat walls, ceilings, moldings, screens, door and window frames, beams, light cords and similar resting places.

**ANIMAL QUARTER USE** (Cattle barns, horse barns, poultry houses, swine houses, zoos): As a space spray diluted for use in conventional mechanical fogging equipment to kill FLIES, MOSQUITOES, SMALL FLYING MOTHS, AND GNATS, dilute 1 part

concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at the rate of 2 fluid ounces per 1,000 cubic feet of space above the animals. Direct spray towards the upper portions of the enclosure filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

**FOR USE IN FOOD HANDLING AND PROCESSING FACILITIES and FEDERALLY INSPECTED MEAT AND POULTRY PLANTS:** Do not make space spray applications when facility is in operation. Prior to space spray applications, cover or remove food. Prior to space spray operations, cover food processing surfaces or clean after treatment with a suitable detergent and rinse with potable water before use. Apply undiluted as a surface spray using one ounce per 1000 square feet. Apply directly to spots, cracks, or crevices at 5 ounce per 1000 square feet. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Use as a space spray only when plant is not in operation. Dilute 1 part concentrate plus 4 parts oil (refined kerosene) and mix well. Apply at a rate of 1 ounce per 1,000 cubic feet of space using a ULV spraying device. Repeat as necessary for control of exposed or accessible stages of ROACHES, SILVERFISH, WATERBUGS, EARWIGS, ANTS, SPIDERS, FLIES, FRUIT FLIES, MOSQUITOES, SMALL MOTHS and GNATS.

**OUTDOOR GROUND APPLICATION, UNDILUTED:** To control ADULT MOSQUITOES, GNATS AND SMALL FLYING MOTHS. For best results, apply when there is a light breeze of approximately 5 mph and temperature is cool (75°F or less). With a ULV spraying device spray at a dosage rate of 4-5 ounces per minute up-wind of the area to be controlled. If the equipment is truck mounted, keep the speed to approximately 5 mph with a swath width of no more than 300 feet or apply at a vehicle speed of 10 mph and flow rate of 8-10 fl. ounces per minute.

**TEMPORARY REDUCTION OF ANNOYANCE** from FLIES, MOSQUITOES AND SMALL FLYING MOTHS OUTDOORS. The afore mentioned application for outdoor ground application will afford temporary reduction of annoyance from these pests in public gathering places (drive-in restaurants, drive-in theaters, golf courses, municipalities, parks, playgrounds and recreational areas). Direct application into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. Avoid wetting foliage. Application should be made prior to attendance. Repeat as necessary. In additional outdoor areas (corrals, feed lots, swine lots and zoos), cover water, drinking fountains and animal feed before use. Fill area with mist, directing application into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. Avoid wetting foliage in zoos; avoid exposure of reptiles to the product. Repeat as necessary.

**FOR USE ON ANIMALS:** To protect beef and dairy cattle, and horses from HORN FLIES, HOUSE FLIES, MOSQUITOES, AND GNATS, dilute 1 part of concentrate plus 29 parts oil (refined kerosene) and mix well. Apply a light mist, sufficient to wet the tips of the hair. To control STABLE FLIES, HORSE FLIES and DEER FLIES on beef and

dairy cattle and horses, apply 2 ounces of the diluted product per adult animal, sufficient to wet the hair but not to soak the hide. To control the motile stages of BLOOD SUCKING LICE on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 ounces or less per animal and repeat 2 to 3 weeks as required.

#### **STORAGE AND DISPOSAL**

**Do not contaminate water, food, or feed by storage or disposal.**

**STORAGE:** Store in a cool, dry place. Do not store near heat or open flame.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank for store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Notice:** To the extent consistent with applicable law, the seller makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extends beyond the statements made on this label. To the extent consistent with applicable law, the seller shall not be liable for consequential, special or indirect damages resulting from the use, handling, application, storage or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.